

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



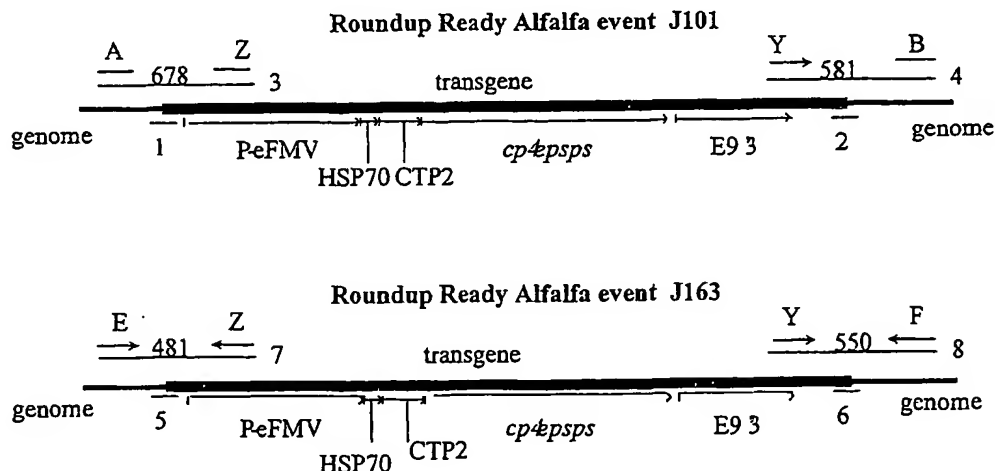
(43) International Publication Date
19 August 2004 (19.08.2004)

PCT

(10) International Publication Number
WO 2004/070020 A2

- (51) International Patent Classification⁷: C12N (74) Agent: KAMMERER, Patricia, A.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).
- (21) International Application Number: PCT/US2004/000812
- (22) International Filing Date: 14 January 2004 (14.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/443,997 31 January 2003 (31.01.2003) US
- (71) Applicants (for all designated States except US): MON-SANTO TECHNOLOGY LLC [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US). FOR-AGE GENETICS, INC. [US/US]; N5292 Gills Coule Road, West Salem, WI 54669 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BEAZLEY, Kim, A. [US/US]; 673 Cranbrook Drive, Kirkwood, MO 63122 (US). FERREIRA, Kenneth, L. [US/US]; 9043 Harvest Run Court, O'Fallon, MO 63366 (US). FITZPATRICK, Sharie, N. [US/US]; N6078 Apple Valley Road, Onalaska, WI 54650 (US). MCCASLIN, Mark, H. [US/US]; 18591 Mushtown Road, Prior Lake, MN 55372 (US). REYES, Carlos, C. [US/US]; 177 Timber Pines Drive, Defiance, MO 63341 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published: .
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GLYPHOSATE TOLERANT ALFALFA EVENTS AND METHODS FOR DETECTION THEREOF



(57) Abstract: The present invention provides for alfalfa events J-101 and J-163 and DNA molecules unique to these events. The invention also provides methods for detecting the presence of these DNA molecules in a plant sample.

WO 2004/070020 A2